

Abstract

A bearing for the blade assembly of the cooling fan, the bearing is made of the plastic steel material having an integrally formed cylindrical hollow body and outward extended large diameter seat. The seat bottom has a recess with screw 5 thread cut along the inside wall. The bottom recess will receive a powerful magnet and a shield cap to cover. The hollow cylindrical body is a long accommodating cavity and extends upward to form a plurality of claws, each claw has a project point. The rotor shaft of the blade assembly will enter the accommodating cavity. The rotor shaft has a round groove to hold the project 10 points of the claws in place. The rotor shaft is further attracted by the power magnet in the bottom recess so the rotor shaft is always kept along vertical center line, rotates in balance to achieve a stable floating rotation.